Col1*   Col2*   Col3*

KA   KB   KC

K1   K2   K3   Row1*

KD   KE   KF

K4   K5   K6   Row2*

KG   KH   KI

K7   K8   K9   Row3*

*Pull-up resistors to VDD required

Figure 1: Re-Mapped Keypad Matrix

Col1*   Col2*   Col3*

SWA   KB   KC

K1   K2   K3   Row1*

SWB   KE   KF

K4   K5   K6   Row2*

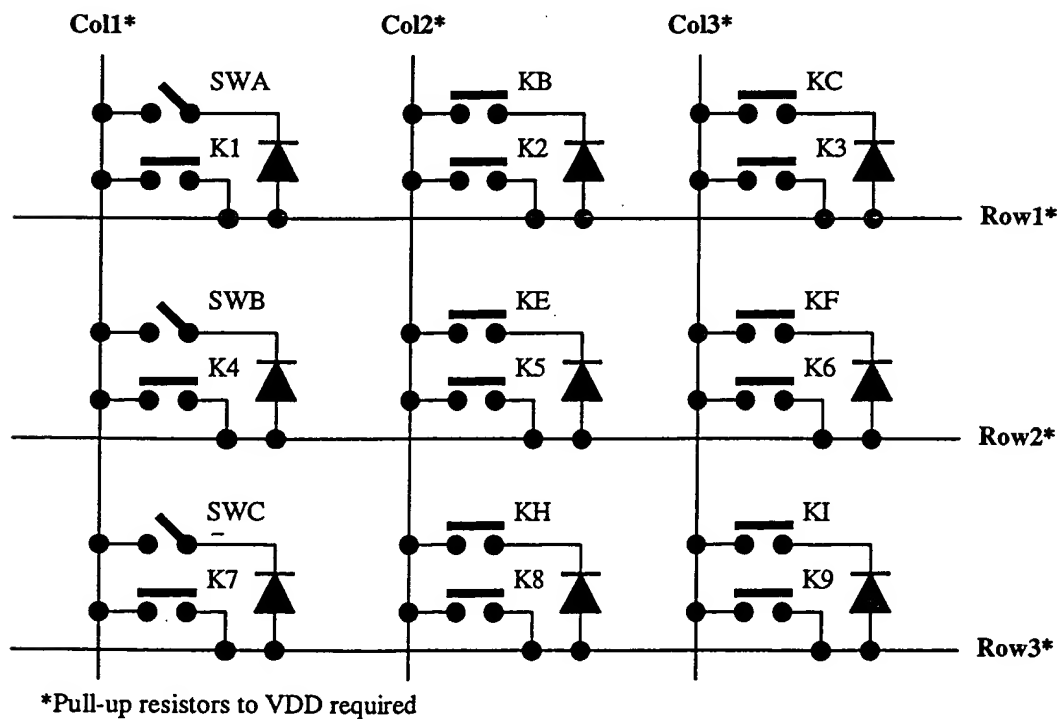SWC   KH   KI

K7   K8   K9   Row3*

*Pull-up resistors to VDD required

Figure 2: Re-Mapped Keypad/Switch Matrix